

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	83	(forward\$3 adj7 message\$1) with HLR with VLR	US-PGPUB; USPAT	OR	OFF	2007/03/02 11:19
L3	566	719/316.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/02 11:20
L4	359	L3 and format\$3	US-PGPUB; USPAT	OR	OFF	2007/03/02 11:20
L5	26	(updat\$3 adj4 position\$1) with HLR	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/02 11:20
L7	156	(updat\$3 near4 registration) same HLR same vLR	US-PGPUB; USPAT	OR	OFF	2007/03/02 11:20
L9	6	(updat\$3 near4 registration) same HLR same position	US-PGPUB; USPAT	OR	OFF	2007/03/02 11:21
L10	156	(updat\$3 near4 registration) same HLR same vLR	US-PGPUB; USPAT	OR	OFF	2007/03/02 11:21
L11	11	L10 and behalf	US-PGPUB; USPAT	OR	OFF	2007/03/02 11:21
L12	8	updat\$3 same HLR same vLR same cache	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/02 11:21
L13	203	(mobile\$1 adj2 location) near5 manage\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/02 11:21
L14	54	L13 and @prad<"20020110"	US-PGPUB; USPAT	OR	OFF	2007/03/02 11:21
L15	13	L14 and hlr and vlr	US-PGPUB; USPAT	OR	OFF	2007/03/02 11:21



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[IP-based access network infrastructure for next-generation wireless data networks - group of 9 »](#)

 R Ramjee, TF La Porta, L Salgarelli, S Thuel, K ... - Personal Communications, IEEE [see also IEEE Wireless ..., 2000 - [ieeexplore.ieee.org](#)

 ... The algo- rithm used to **update** selected routers to ... must be prepared to receive surrogate

registration requests, generated by base stations on **behalf** of mobile ...

 Cited by 122 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)
[Mobility management in next-generation wireless systems - group of 17 »](#)

 IF Akyildiz, J McNair, JSM Ho, H Uzunalioglu - Proceedings of the IEEE, 1999 - [ieeexplore.ieee.org](#)

 ... 1). For PLMN, the location **registration** procedures **update** the location databases (**HLR** and **VLR**'s) and authenticate the MT when up-to-date location informa ...

 Cited by 273 - [Related Articles](#) - [Web Search](#) - [Library Search](#) - [BL Direct](#)
[Challenges for Mobile Voice-over-IP - group of 6 »](#)

P Agrawal, JC Chen, CJ Sreenan - Proceedings of the IFIP-TC6/European Commission ..., 2000 - Springer

 ... **update** message 3. Subscription data return 4. Location **update** ACK 5 ... software executed

 it took care of the **registration** procedure on **behalf** of the user ...

 Cited by 1 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)
[Global Roaming in Next-Generation Networks - group of 5 »](#)

 TB Zahariadis, KG Vaxevanakis, CP Tsantilas, NA ... - IEEE Communications Magazine, 2002 - [ieeexplore.ieee.org](#)

 ... After **registration** and authentication, the user can roam in the ... 1996 [3] YB Lin, "Reducing Location **Update** Cost in a ... of a TMN system, built on **behalf** of IBM. ...

 Cited by 47 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)
[Agent-Based Forwarding Strategies for Reducing Location Management Cost in Mobile Networks - group of 14 »](#)

IR Chen, TM Chen, C Lee - Mobile Networks and Applications, 2001 - Springer

 ... can cover a large number of location **registration** areas. ... Location Al- gorithm (ATLA) and the Cross-**Update** Agent-Based ... a **VLR** as the local agent on **behalf** of the ...

 Cited by 16 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)
[Database Performance for Next Generation Telecommunications - group of 7 »](#)

 M Cochinwala - Proceedings of the 17th International Conference on Data ..., 2001 - [doi.ieeecs.org](#)

 ... of the **VLR** currently handling calls on that user's **behalf**. ... Every movement and subsequent **registration** by a mobile user will result in an **update**. ...

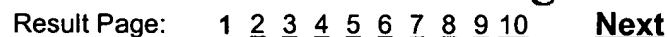
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[A Location Management Scheme for Mobility Support in Wireless IP](#)

S Zhou, A Seneviratne, T Percival - Proceedings of the 9th IEEE International Conference on ...
 ..., 2001 - doi.ieeecomputersociety.org
 ... user agent is an end system that acts on **behalf** of a ... **registration/update** and
 call/session delivery ... Figure-2: The architecture of **HLR** and **VLR** Following the basic ...
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VK Gurbani, XH Sun - IEEE Network, 2005 - ieeexplore.ieee.org
 ... the cellular network to make intelligent decisions on her **behalf** such that ... events
 userprof: non-call related events, eg location **update** and **registration** ...
[Cited by 4](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

E Wireless, DN Architectures - IEEE Personal Communications, 2000 - cs.mdx.ac.uk
... CDMA networks use **HLR/VLR** mechanisms similar to GPRS 2 for ... generated by base
stations
on **behalf** of mobile ... in our configuration the **registration update** from the ...
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A Buttitta, KL Hilton, MH Khan - US Patent 5,913,166, 1999 - Google Patents
... 15, 1995 on **behalf** of JW Davidson et al. ... The **registration** with the public system
will automatically **update** the MS's Temporary Listed Directory Number ...
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C Sofer, S Wolfman, O Biran - US Patent 6,975,852, 2005 - Google Patents

... VISITED IG PLACES OUT CALL ON **BEHALF** OF USER ... detail record (CDR) delivery time andbalance **update**. ... and via MAP, a visited location **register** (**VLR**) 122 connected ...[Related Articles](#) - [Web Search](#)**Mobility management in next-generation wireless systems - group of 17 »**IF Akyildiz, J McNair, JSM Ho, H Uzunalioglu - Proceedings of the IEEE, 1999 - [ieeexplore.ieee.org](#)... will normally be assigned to an **HLR** located in ... is **roaming** in London, each location **update** performed by ... delay for completing a location **registration** may increase ...Cited by 273 - [Related Articles](#) - [Web Search](#) - [Library Search](#) - [BL Direct](#)**System and method for authorization of location services - group of 3 »**

CH Kingdon, BR Zadeh, M Roel-Ng, S Hayes - US Patent 6,138,003, 2000 - Google Patents
... eg, by querying the Home Location **Register (HLR)** 265 or ... serving MSC/VLR when a location
update was performed ... with a certain directory number on **behalf** of agency ...
[Cited by 18](#) - [Related Articles](#) - [Web Search](#)

System and method for providing packet data and voice services to mobile subscribers - group of 2 »

JHH Penners, PV Kamat, D Sirovica... - US Patent 5,793,762, 1998 - Google Patents
... Finally, the system includes a Visitor Location **Register/** DirectoryNumberManager(
VLR/DN-Mgr ... with the wire -line switch, the **HLR** and the ...
[Cited by 111](#) - [Related Articles](#) - [Web Search](#)

METHODS AND SYSTEMS FOR PROVIDING MOBILE LOCATION MANAGEMENT SERVICES IN A NETWORK ROUTING NODE

RL ALLISON, PJ MARSICO - EP Patent 1,472,809, 2004 - freepatentsonline.com
... In line 3, the **Update** Location message is forwarded to ... message is directed to location
register caching application ... Rather, the MMR can act on **behalf** of the ...
[Cached](#) - [Web Search](#)

Distributed call processing for personal communications services - group of 2 »

TF La Porta, M Veeraraghavan, PA Treventi, R ... - Communications Magazine, IEEE, 1995 -
ieeexplore.ieee.org
... are addressed directly by/during the **registration** process described ... incoming call
screening on their **behalf**, they are ... it received a location **update** (ROJTEREQ ...
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E Wireless, DN Architectures - IEEE Personal Communications, 2000 - cs.mdx.ac.uk
 ... CDMA networks use **HLR/VLR** mechanisms similar to GPRS 2 for ... generated by base stations

on **behalf of mobile** ... in our configuration the **registration update** from the ...

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Interworking of a distributed architecture for wireless PCS networks with conventional networks: ...

RS Kalbag, D Medhi - ACM SIGMOBILE **Mobile** Computing and Communications Review, 1997 - portal.acm.org

... the service profile of the IS-41 **mobile** during **registration**. ... the DISw allows the ConS to **update** its route ... to request feature-related treatment on **behalf** of a ...

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A Location Management Scheme for Mobility Support in Wireless IP Networks Using Session Initiation ... - group of 6 »

S Zhou, A Seneviratne, T Percival - Proceedings of the 9th IEEE International Conference on ..., 2001 - doi.ieeecomputersociety.org

... is an end system that acts on **behalf** of a ... **registration/update** messages are used to read and write to the ... initiation messages are only allowed to read the **HLR**. ...

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Managing packet data interconnections in **mobile** communications - group of 3 »

MH Harper, J Senthilnathan - US Patent 6,985,464, 2006 - Google Patents

... has issued a second connection request on **behalf** of the ... under appropriate MAP protocols,

location **update** procedures (or **registration** noti-fications ...

[Related Articles](#) - [Web Search](#)

Method and devices for handling subscriber information of a subscriber of a **mobile** radio network

HJANCH VAN, NCH GRANATH, TCH KIENLE - EP Patent 1,494,493, 2005 - freepatentsonline.com

... all the signalling to the Internet on **behalf** of an ... the execution of a pseudo location **update** between a ... in Figure 1, the home location **register HLR** is connected ...

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METHOD AND APPARATUS FOR PERMITTING A **MOBILE** STATION TO OPERATE IN A VISITED NETWORK

B KOWARSCH - EP Patent 1,310,130, 2003 - freepatentsonline.com

... in visited networks and incur charges on **behalf** of the ... a **VLR** 7. Therefore, a location **update** signal will ... the **mobile** station's 11 attempt to **register** is relayed ...

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[BOOK] CNAP Specification and Validation a Design Methodology Using LOTOS and UCM. - group of 5 »

Z Yi - 2001 - jucmnav.softwareengineering.ca

... of the MS on the radio control path for location **update/registration** ... Home Location **Register (HLR)** ... The **HLR** also manages the location information in the network ...

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Deployment of **mobile** agents in the **mobile** telephone network management - group of 8 »

I Brusic, V Hassler, W Lugmayr - System Sciences, 2000. Proceedings of the 33rd Annual Hawaii ..., 2000 - [ieeexplore.ieee.org](#)

... can operate on the user's **behalf** without explicit ... the timer again) the MS initiates a location **update**. ... by the **VLR**; - Home Location **Register (HLR)** where all ...

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GSM-Interoperable **Mobile** Satellite Call Processing Architecture

S Anderson - [ieeexplore.ieee.org](#)

... The **VLR** receiving the location **update** request notifies the ... MSC **Mobile** Services Switching

Center • **VLR** Visitor Location **Register** • **HLR** Home Location ...

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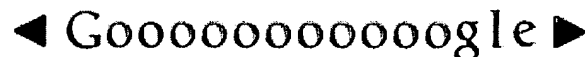
Comparison of signaling loads for PCS systems - group of 6 »

TF La Porta, M Veeraraghavan, RW Buskens - Networking, IEEE/ACM Transactions on, 1996 - [ieeexplore.ieee.org](#)

... a network, call establishment time, and **update** and operation ... There are also procedures

for **mobile registration** upon power-up ... UP) that act on **behalf** of **mobile** ...

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Mobile intelligent agent technologies to support VoIP seamless mobility - group of 3 »

 CH Lin, JS Yang, KC Wu - Advanced Information Networking and Applications, 2005. AINA ..., 2005 - [ieeexplore.ieee.org](#)

 ... MA authenticates with AS on **behalf** of the MN ... AAD Average Agent discovery BU Binding

update delay REP ... delay of service authentication and **registration**, which is ...

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A Systematic Approach for Closer Integration of Cellular and Internet Services - group of 4 »

 VK Gurbani, XH Sun - IEEE Network, 2005 - [ieeexplore.ieee.org](#)

 ... the cellular network to make intelligent decisions on her **behalf** such that ... events userprof: non-call related events, eg location **update** and **registration** ...

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A Generalized Architecture for Tetherless Computing in Disconnected Networks - group of 3 »

 A Seth, P Darragh, S Keshav - Work in progress: <http://mindstream.watsmore.net>

 ... Custodians store data on **behalf** of disconnected **mobile** hosts ... Internet region) then the location **register** can be ... forwarded (when the location **update** reaches the ...

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Impacts of mobile agent technology on mobile communication systemevolution - group of 2 »

 L Hagen, M Breugst, T Magedanz - Personal Communications, IEEE [see also IEEE Wireless ..., 1998 - [ieeexplore.ieee.org](#)

 ... their service capabilities most efficiently to **roaming** users ... a generally accepted definition explains **mobile** agents as ... computer programs that act on **behalf** of a ...

 Cited by 47 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)
A Taxonomy of Cyber Attacks on 3G Networks

 K Kotapati, P Liu, Y Sun, TF LaPorta - Proc. IEEE Intl Conf. on Intelligence and Security ..., 2005 - [nsrc.cse.psu.edu](#)

 ... Control Manages calls, sessions or handles sessions, calls on **behalf** of the ... Send **Registration** / Location **Update** messages to **Registration** Agent (**HLR** ...

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Mobile IP applicability: when do we really need it? - group of 4 »

 JZ Sun, J Sauvola, I Oulu - Parallel Processing Workshops, 2004. ICCP 2004 Workshops. ..., 2004 - [ieeexplore.ieee.org](#)

 ... reachable) without having to frequently **update** its location ... Visited location **register** (**VLR**) Foreign Agent (**FA**) Table 2 ... stores incoming mail on **behalf** of the user ...

 Cited by 3 - [Related Articles](#) - [Web Search](#)
Mobility management for a multimedia mobile network - group of 4 »

W Ahmed, BT Doshi, S Dravida, H Jiang, KM Rege - US Patent 6,160,804, 2000 - Google Patents

... LOOK UP MESSAGE TO HLR ON **BEHALF** OF INITIATING ... Subsequently, the updated network

nodes **update** other network ... the address for the home location **register** of each ...

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[PS] [Security Aspects of Mobile Communications - group of 3 »](#)

K Vedder - Computer Security and Industrial Cryptography-State of the ..., 1991 - iaik.tugraz.at

... handled locally by the Visitor Location **Register (VLR)**, where the ... the network operator, on whose **behalf** the SIM ... to be assigned at each location **update** procedure ...

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[Location Management Strategies in Next Generation Personal Communications Services Networks - group of 3 »](#)

P García-Escalle, V Casares-Giner - MOSAIC, 2004 - upgrade-cepis.org

... Publisher UPGRADE is published on **behalf** of CEPIS ... **Register (HLR)**, and the Visitor Location **Register (VLR)**. ... are updated by location **update** messages triggered by ...

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RP Ejzak - US Patent 6,871,070, 2005 - Google Patents

... iMSC server acts as a SIP UA (user agent) on **behalf** of the ... 24.008 such as IMSI Attach,

Detach, and inter-iMSC Location **Update**, and SIP **registration** and de ...

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O Carlsson, I Andersson, J Axelsson - US Patent 6,026,291, 2000 - Google Patents
 ... may be by another or on the **behalf** of another. ... Each **register** is separate and independent

from the others ... of aroaming subscriber communicates with the **HLR** 200 of ...

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[Development of an integrated backbone network for a high capacityPCN network](#)

VW Cheng, JY Khan, RI Chaplin - Global Telecommunications Conference, 1998.

GLOBECOM 98. The ..., 1998 - [ieeexplore.ieee.org](#)

... into the following five categories: • **Mobile registration** procedure • Location ... traffic, especially location **update** and handover ... one **VLR** and one **HLR** were used ...

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A Seth, P Darragh, S Liang, Y Lin, S Keshav - DTN Workshop, 2005 - [drops.dagstuhl.de](#)

... Custodians store data on **behalf** of disconnected **mobile** hosts and deliver ... DTN routing, then the only role of the **REGISTER** message would be to **update** the ...

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RP Ejzak - US Patent 6,954,654, 2005 - Google Patents

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Detach, and inter-iMSC Location **Update**, and SIP **registration** and de ...

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RP Ejzak - US Patent 6,996,087, 2006 - Google Patents

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[3G or 4G: That is the Question.](#)

S Disch, R Nicodemus - [columbia.edu](#)

... the UE using subscription data copied from the **HLR**. ... TMSI is allocated by the **VLR** during location **update**. ... User equipment must **register** with the network to gain ...

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[\[doc\] Host Mobility Management Protocol](#)

T Technologies - [argreenhouse.com](#)

... The SIP **REGISTER** method SHALL designate a "RHO" CONTACT that ... a new address from the

DHCP on **behalf** of the ... The DHCP sever of VR SHALL either **update** the DNS ...
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Method and system for providing **roaming** service in a telecommunications system that is partially ... - group of 2 »

K Koster - US Patent 6,253,081, 2001 - Google Patents

... Number Portability Sub-task Group on **behalf** of the ... a "home-system subscriber," by searching its own **HLR**. ... the CMR in a visitor location **register (VLR)** for the ...

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Methods and systems for providing **mobile** subscriber surveillance - group of 2 »

RL Allison, PJ Marsico - US Patent 6,901,262, 2005 - Google Patents

... information in a **mobile** subscriber's home location **register**. ... signaling message is a MAP **Update** -Location message ... go quently received and processed by **HLR** 120. ...

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Design and Analysis of Algorithms for Efficient Location and Service Management in **Mobile** Wireless ... - group of 2 »

B Gu - 2005 - scholar.lib.vt.edu

... accepting communication messages on the user's **behalf**, ... **mobile** user sends the **registration** information to ... turn can perform appropriate **update** actions, depending ...

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O Carlsson, I Andersson, J Axelsson - US Patent 6,026,291, 2000 - Google Patents
 ... may be by another or on the **behalf** of another. ... Each **register** is separate and independent

from the others ... of aroaming subscriber communicates with the **HLR** 200 of ...

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Development of an integrated backbone network for a high capacityPCN network

VW Cheng, JY Khan, RI Chaplin - Global Telecommunications Conference, 1998.

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[doc] Host Mobility Management Protocol

T Technologies - [argreenhouse.com](#)

... The SIP **REGISTER** method SHALL designate a "RHO" CONTACT that ... a new address from the

DHCP on **behalf** of the ... The DHCP sever of VR SHALL either **update** the DNS ...

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Method and system for providing **roaming** service in a telecommunications system that is partially ... - group of 2 »

K Koster - US Patent 6,253,081, 2001 - Google Patents

... Number Portability Sub-task Group on **behalf** of the ... a "home-system subscriber," by searching its own **HLR**. ... the CMR in a visitor location **register (VLR)** for the ...

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Methods and systems for providing **mobile** subscriber surveillance - group of 2 »

RL Allison, PJ Marsico - US Patent 6,901,262, 2005 - Google Patents

... information in a **mobile** subscriber's home location **register**. ... signaling message is a MAP **Update** -Location message ... go quently received and processed by **HLR** 120. ...

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Design and Analysis of Algorithms for Efficient Location and Service Management in **Mobile** Wireless ... - group of 2 »

B Gu - 2005 - scholar.lib.vt.edu

... accepting communication messages on the user's **behalf**, ... **mobile** user sends the **registration** information to ... turn can perform appropriate **update** actions, depending ...

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A Napolitano, A Calvi, E Berruto - doi.wiley.com

... received by the **HLR register** at the time of **registration**. ... must in turn request authentication on **behalf** of the ... active PDP context, in order to **update** the GTP ...[Web Search](#)Quick layer-3 message multiplexing - group of 3 »

X Xu, S Yang, BSN Nelakanti, I Sayers, W Huang - US Patent 6,879,568, 2005 - Google Patents

... effect bear a multiplex function on **behalf** of the layers ... or different operator's area, it must **register** with the ... the normal case, a location **update** message is ...[Related Articles](#) - [Web Search](#)... and system for supporting differentiated network service for **mobile** customers and applications - group of 2 »

R Bhatia, J Lobo, G Venkatesh, A Quayle - US Patent 6,687,495, 2004 - Google Patents

... "**Update** Data ... 80a), irrespective of the **mobile** sub-scribers (100) on whose **behalf** the transactions ... of a DNSG client (80), the DNSG client will **register** a GLS ...[Related Articles](#) - [Web Search](#)Authentication Protocols in Wireless Communications - group of 5 »

HY Lin, L Harn, V Kumar - University of Missouri-Kansas City - mcl.hu

... the **mobile** unit operated on his **behalf** will be ... is carried out on **mobile** station **registration**, origination, and ... If both fail, the SSD **Update** Protocol is invoked ...[Cited by 7](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)Integration of intelligent network services into future GSM networks - group of 2 »

M Laitinen, J Rantala - Communications Magazine, IEEE, 1995 - ieeeexplore.ieee.org

... A new location **update** procedure is performed when the ... The Visitor Location **Register** (**VLR**) con- tains temporary data ... that is normally integrated with the **HLR**. ...[Cited by 11](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)Mobility Management in Next Generation Wireless Systems

IFAJMN Joseph, HHUW Wang - c7.com

... adopt an approach such that the MT performs a location **update** whenever it ... MSC **Mobile**Switching Center **HLR** Home Location **Register** **VLR** Visitor Location ...[Related Articles](#) - [View as HTML](#) - [Web Search](#)A distributed control strategy for wireless ATM networks - group of 7 »

M Veeraraghavan, TF La Porta, R Ramjee - Wireless Networks, 1995 - Springer

... their mobiles and provide proxy service on their **behalf**. ... server and radio-port utilization, **update** and operation ... is only involved in the **registration** of roamers ...[Cited by 30](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)Method of personal communications service using wireline/wireless

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MJ Emery, BN Tucker, LD Schwartz - US Patent 6,011,975, 2000 - Google Patents
... within range causes that station to **update** the subscriber's ... ISCP UPDATES ITS **HLR**
DATABASE WITH THE ANI OF ... CANCEL ANY PREVIOUS **REGISTRATION** ON
WIRELESS SWITCH ...

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On Integrated Location and Service Management for Minimizing Network
Cost in Personal Communication ... - group of 7 »

B Gu, ST Cheng - IEEE Transactions on **Mobile** Computing, 2006 -
doi.ieeecomputersociety.org

... with tracking the user location on **behalf** of the ... network, whenever the MU moves
across

a **registration** area boundary ... is a service handoff 1 to **update** the service ...

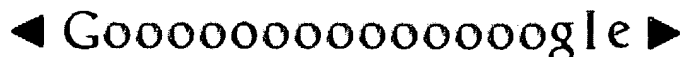
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Advanced Service Execution and Service Provisioning for Future
Telecommunication Networks (UMTS)

S Kleier, F Timphus, M Mobilfunk, C Görg, P ... - comnets.rwth-aachen.de

... able to perform a task autonomously on **behalf** of a ... is accomplished in order to **update**
the modified ... Packet Radio Service **HLR** Home Location **Register** IAM Initial ...

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 S Chakrabarti, ST Vuong, A Sinha, R Paul - Consumer Communications and Networking Conference, 2005. ..., 2005 - [ieeexplore.ieee.org](#)

 ... The Packet Control Unit (PCU) is a hardware upgrade for the ... sends **registration** message

 to HA to inform HA its ... HA captures these packets on **behalf** of MH, and ...

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 Z Jiang, LF Chang, BJJ Kim, KK Leung, R Bank - [viola.usc.edu](#)

 ... destination servers on **behalf** of the **mobile** users ... to know what commitments that the **mobile** net- work ... ments of individual applications, information **update** may be ...

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[On Mobility support in Multi-Access Wireless Networks](#)

 H Chaouchi, F Bader, J Manques, N Kubinidze, I ... - [cttc.es](#)

 ... propose to simultaneously send location **update** messages through ... the GPRS link, thus reducing **registration** times during ... that returns a response on **behalf** of the ...

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LS Easley, DM Cardina - US Patent 6,496,691, 2002 - Google Patents

 ... The ECR feature allows the **mobile** subscriber to access caller-specific information for a predetermined number of past ... PSTN 18 LIDB 26 HLR VLR 23 24 IP 20 / 30 ...

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K Vedder - State of the Art in Applied Cryptography, Lecture Notes in ... - Springer

 ... are handled locally by the Visitor Location **Register (VLR)** where the ... the network operator, on whose **behalf** the SIM ... be updated at every location **update** and will ...

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 J Rautpalo - URL: [www.hut.fi/jrautpal/gprs/gprs_sec.html](#) - hut.fi

 ... in BTS:s only a software **update** will suffice ... Visiting Location **Register (VLR)** database holds temporary information about ... naturally not so good on **behalf** of the ...

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[Agent-based Virtual Home Environment: Concepts and Performance Aspects](#)

 L Hagen, P Farjami, C Gorg, R Lemle - Proc. ACTS Workshop - [comnets.rwth-aachen.de](#)

 ... After the **registration** of the user at the new provider ... migrating to corresponding MSCs in case of a location **update**. ... specific data and can act on **behalf** of the ...

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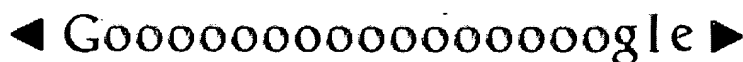
T Kanter - Personal Communications, IEEE [see also IEEE Wireless ..., 2001 -
ieeexplore.ieee.org
... System features (location **update**, authentication, etc.) ... a control point per device,
but services **register** in and ... which can act on the user's **behalf** if the ...
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Location Management in Personal Communication Services Network

PA Pawar - 2002 - wwwhome.cs.utwente.nl
... 19 2.2.2 Caching Location Information in **HLR/VLR** System ... **Update** of location
information causes data to be written at location **register**. ...
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P Mehta, GMS Khandeparkar, MC Swamy - Wipro Technologies, Innovative Solutions
Quality Leadership - wireless.ittoolbox.com
... Consequently, it is possible for this entity to perform certain functionality that
may be required on **behalf** of the ... **MIP Registration Request** ... **Update** PDP Context ...
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JE Ekberg - US Patent 7,003,282, 2006 - Google Patents

... **UPDATE** OF ... Client often means a program which connects with a server on **behalf** of the ... Center) located in connection with the home loca- tion **register HLR** of the ...

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[Active user management for the combined satellite and terrestrial cellular components of the UMTS - group of 2 »](#)

D Giancristofaro, LS Zhang, RE Sheriff - Satellite Systems for **Mobile** Communications and Navigation, ..., 1996 - [ieeexplore.ieee.org](#)

... of the new FESs to execute, on **behalf** of the ... new BSS <> newMSC new MSC <> I-ILR, **HLR** <> old MSC ... the FES through which the location **registration/update** has been ...

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R Cáceres, VN Padmanabhan - ... international conference on **Mobile** computing and networking, 1996 - [portal.acm.org](#)

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ID la Tour - 2001 - [beethoven.site.uottawa.ca](#)

... The network infrastructure **registration** process ... Figure 5B: Communication between **mobile** hosts ... profile and user profile and make, on **behalf** of its user, an ...

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... arrangements themselves or on their **behalf** by others at ... **LOCATION UPDATE**, **USER CALL**

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... service-independent component and acts on **behalf** of the ... is not necessary to perform a location **update**. Nevertheless, they have to **register** with the associated ...

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... are those of **registration** and **update** of personal ... **Register**) and **VLR** (Visitor Location **Register**), and algorithms ... that perform various functions on **behalf** of the ...

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O Whitehouse - Report by Atstake Inc. <http://www.atstake.com/research/> ..., 2004 - it.iitb.ac.in

... have resulted in @stake working proactively on **behalf** of its ... Combining this with patch deployment issues on vendor-supported ... (For simplicity, **HLR**, **VLR**, AuC, EIR ...

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... tion with the destination servers on **behalf** of the ... that is more suitable to the **mobile** user, based ... two versions whenever the user requests an **update** of certain ...

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M Cheng, V Varma - Wireless Communications and Networking Conference, 2000. ..., 2000 -
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... data traffic makes it uneconomical to upgrade and maintain ... Home Location **Register**),
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... time received by the MSS on **behalf** of the MH ... the additional overhead incurred when
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A Kupper, O Spaniol - Service Portability and Virtual Customer Environments, 2000 ..., 2000
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... for example to localize stationary and **mobile** objects. ... independent component and
acts on **behalf** of the ... and contains his service profile and the **registration**. ...

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S Sivagnanasundaram - [elec.qmw.ac.uk](#)

... **update** the network when a location area boundary is crossed. ... The **VLR** keeps the
Home

Location **Register** (**HLR**) updated on the location of the user. ...

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HV Leong - 2000 - [books.google.com](#)

... paging areas so the frequent location **update** messages need ... different operator's
network,

it must **register** with the ... Normally, the **HLR** knows which network should ...

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W Zhang - 2004 - [ikr.uni-stuttgart.de](#)

... local network, and sends a Binding **Update** message to ... the UE unprotected to Visitor
Location **Register** (**VLR**)/Serving GPRS ... request to the AAAL on **behalf** of the MN ...

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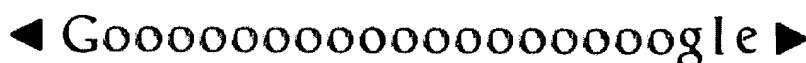
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3.1 Architecture AND Deployment Scenarios

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... 3.2.4.2 The 3G Home Location **Register** In most cases the 3GHLR will evolve from the
2GHLR through SW upgrade, ie the same **HLR** (including eg AuC and EIR ...

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